

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,774,098 B2
APPLICATION NO. : 10/597933
DATED : August 10, 2010
INVENTOR(S) : Takenaka et al.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In Column 79, Line 41, in Claim 3, after "correction," delete "the" and insert -- an --

In Column 79, Line 54, in Claim 3, after "value of" delete "an" and insert -- the --

In Column 81, Line 19, in Claim 5, after "correction," delete "the" and insert -- an --

In Column 81, Line 19, in Claim 5, after "after" delete "an" and insert -- the --

In Column 83, Line 19, in Claim 7, after "between" delete "an" and insert -- the --

In Column 83, Line 21, in Claim 7, after "and" delete "an" and insert -- the --

In Column 84, Line 55, in Claim 10, after "value of" delete "an" and insert -- the --

In Column 87, Line 52, in Claim 12, after "between" delete "an" and insert -- the --

In Column 87, Line 54, in Claim 12, after "and" delete "an" and insert -- the --

In Column 88, Line 34, in Claim 15, after "robot and" delete "the" and insert -- a --

In Column 88, Line 35, in Claim 15, before "translational" delete "the" and insert -- a --

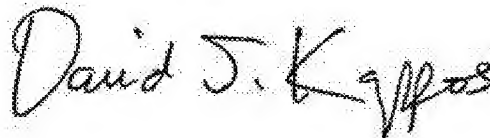
In Column 89, Line 59, in Claim 15, after "between" delete "an" and insert -- the --

In Column 90, Line 41, in Claim 17, after "and" delete "a"

In Column 91, Line 7, in Claim 17, after "after" delete "an" and insert -- the --

In Column 91, Line 17, in Claim 17, delete "floor reaction force" and insert -- ZMP --

Signed and Sealed this
Eighth Day of February, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D" and a stylized "K".

David J. Kappos
Director of the United States Patent and Trademark Office

CERTIFICATE OF CORRECTION (continued)

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In Column 92, Line 31, in Claim 18, after “by” insert -- the --

In Column 92, Line 49, in Claim 18, before “ZMP” delete “a” and insert -- the --

In Column 93, Line 6, in Claim 18, after “and” delete “an” and insert -- the --

In Column 93, Line 8, in Claim 18, after “after” delete “an” and insert -- the --

In Column 93, Line 49, in Claim 20, after “and” delete “a”